

Hands-on 3d-Printing Workshop @ IIITDM Kurnool on September 28th and 29th 2019.



Participants Information

Participants:	94
Speakers:	03
Female participants:	19
Male participants:	75

Topics Covered

- Basics of 3d printer
- Functions of the 3d printer's parts
- Practical session on Assembling the 3d printer
- Basics of Firmware
- Practical session – i.e. software flashing and connctions
- Final Assembly Test print

Highlights

List of Speakers

- Prof.D.V.L.N. Somayajulu, Director IIITDM-Kurnool

- **Kalai Selvan, CEO Sphere Tech Solutions**
- **Arun, marketing head, Sphere Tech Solutions**
- **Subash Krishna, electronic head, Sphere Tech Solutions**
- **Dr.Akhtar Khan, Asst Prof**

Feedback Summary

- ❖ Director sir has highlighted the importance of 3d printing technology, which is one among the emerging technologies in coming decades.
- ❖ Akhtar Khan sir has thrown a limelight on how it will be useful for students to have prior knowledge on this type of emerging technologies.
- ❖ A brief introduction to 3d-printing technology, its history and present innovations, mainly SLA & FDM methods were discussed.
- ❖ Information regarding present leading manufacturers of 3d printers, bare specifications, cost for production and prototyping, their application and advantages were shared.
- ❖ Participants learnt working with the new softwares and firmwares like Ultimaker cure, Repetier host and marlin firmware along with Aurdino.
- ❖ Participants gained technical knowledge and had hands-on experience working with 3d printer.

Suggestions from Participants

- ❖ Participants requested to organize similar types of workshops regularly to upgrade their skills.
- ❖ It would have been better if there were more number of instructors for the workshop.
- ❖ Participants expected that they would have experienced or learnt more if the workshop would be of 3day span.
- ❖ Number of spares should have been increased.